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Final Technical Report

NAG5-875

*Accretion Discs  
and  
White Dwarfs*

Principal Investigator: Keith Horne

Submitted by:  
Space Telescope Science Institute  
3700 San Martin Drive  
Baltimore, Maryland 21218

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IUE spectra of HT Cas have been combined with optical multi-color photometry of eclipses of HT Cas to measure the distance to this dwarf nova, the temperature of its white dwarf, and the radial temperature and surface density structure of its quiescent accretion disk.

The results have been submitted to Ap.J. in a paper entitled "Eclipse Studies of the Dwarf Nova Ht Cas II: White Dwarf and Accretion Disk", by J.H. Wood, K. Horne, and S. Vennes. We are returning a revised version of this paper in a few days in response to the referee's report, and anticipate a publication date toward the end of 1991.

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